Fig. 2-2
Client-side Initialization

SRE   220A

1. SR Initialize

| Allocate memory 220 | → | Create source & coder objects 221 |

2. Calibrate speech & Calibrate Silence until silence is detected 222

| Load Configuration file 221A |

Configuration file 221B

MS Agent 220B

| 1. Initialize COM library 223 | → | 2. Create instance of Agent Server 224 | → | **3. Load MS Agent** Load the character by specifying path of the character file, character ID, and request ID 225 |

ACS File 225A

| 4. Get character interface 226 | → | 5. Add commands to Agent character option 227 | → | 6. Show the agent character 228 |

7. AgentNotifySink to handle the events

| Create Agent notify sink object 229 | → | Register sink object 230 |

| Get Agent property interface 231 | → | Assign property sheet to Agent 232 |

8. Display Character & execute specified Animations 233

Communication 220C

| 1. Open Internet Connection 234 | → | 2. Set callback status to the connection 235 | → | 3. Start new HTTP internet session with the server 236 |